

Quick user guide for Exchange 2007 agent on TSM

Installation

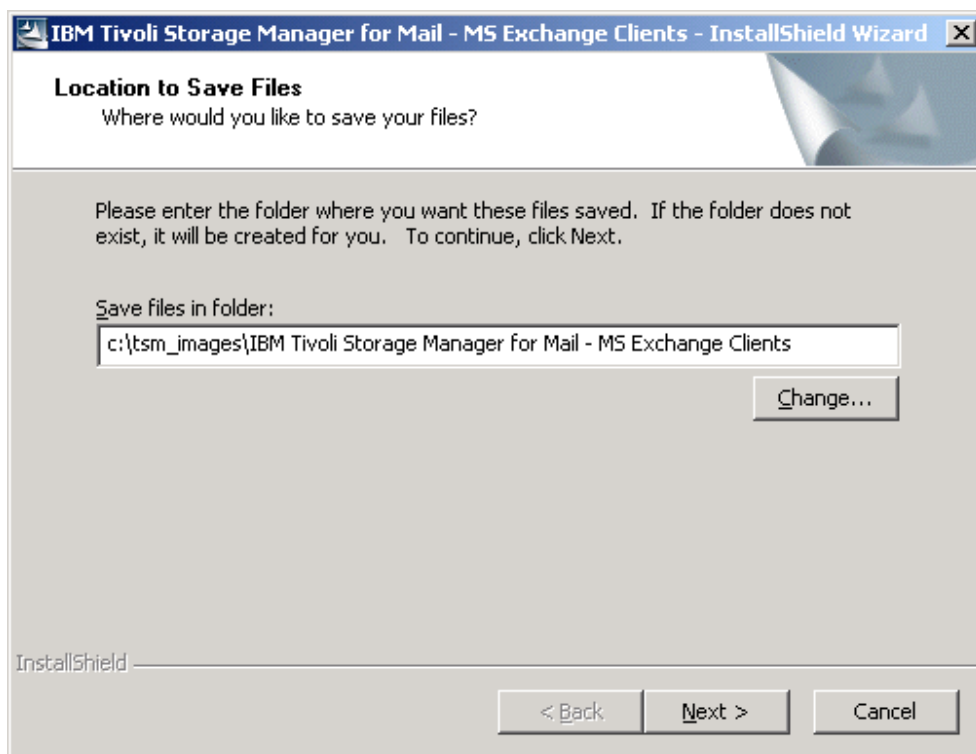
You need the regular TSM agent installed first!

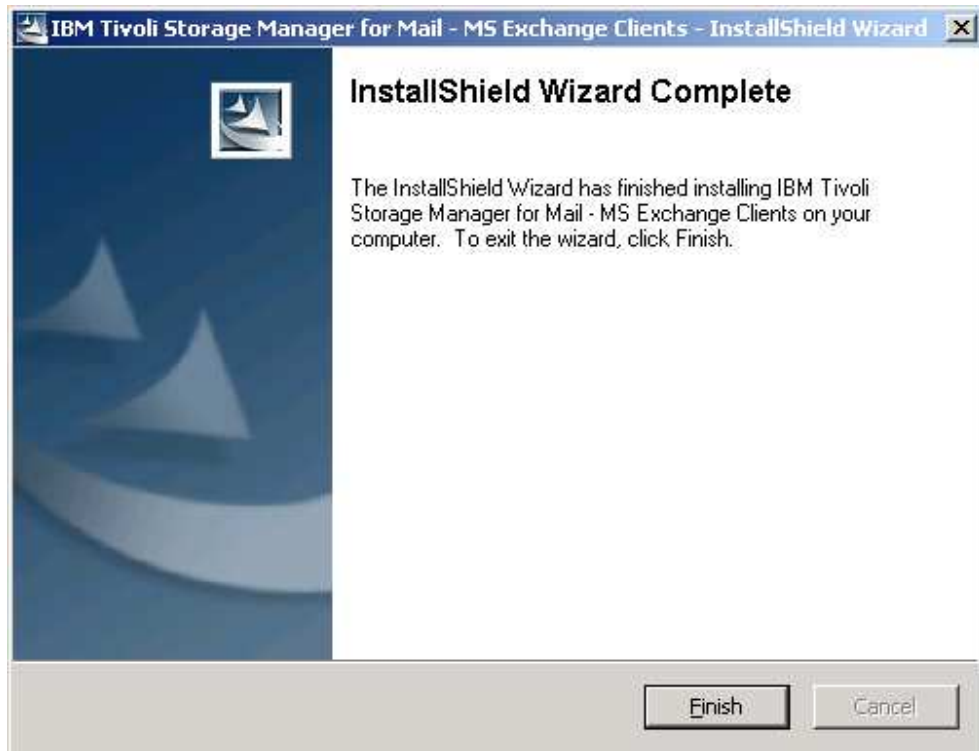
Get and install the client from <http://mirror.netgroup.dk/tsm>

Go to TSM Clients

Navigate to TDP directory -> Exchange and chose the newest version that matches your operating system.

Run the exe file.

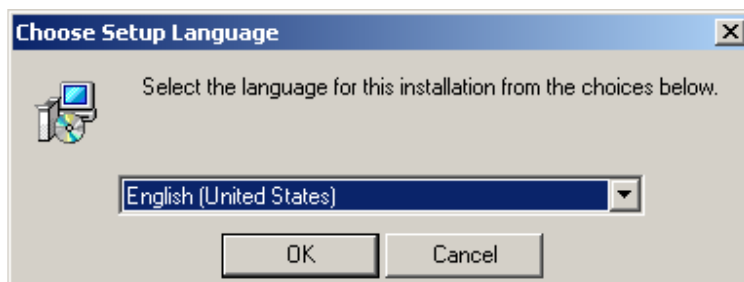


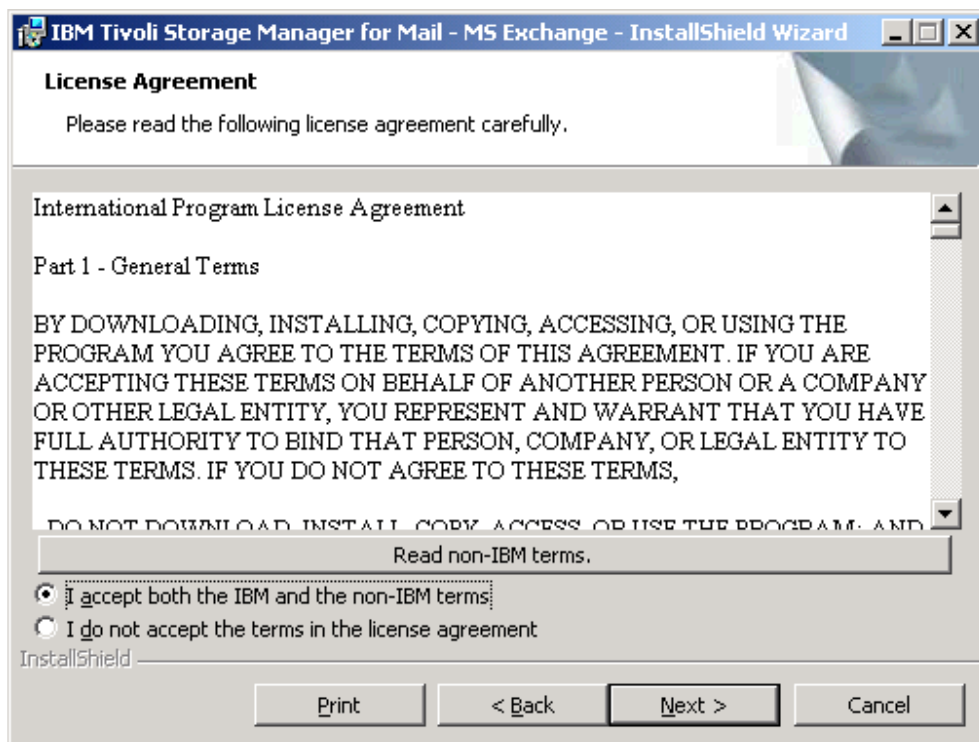
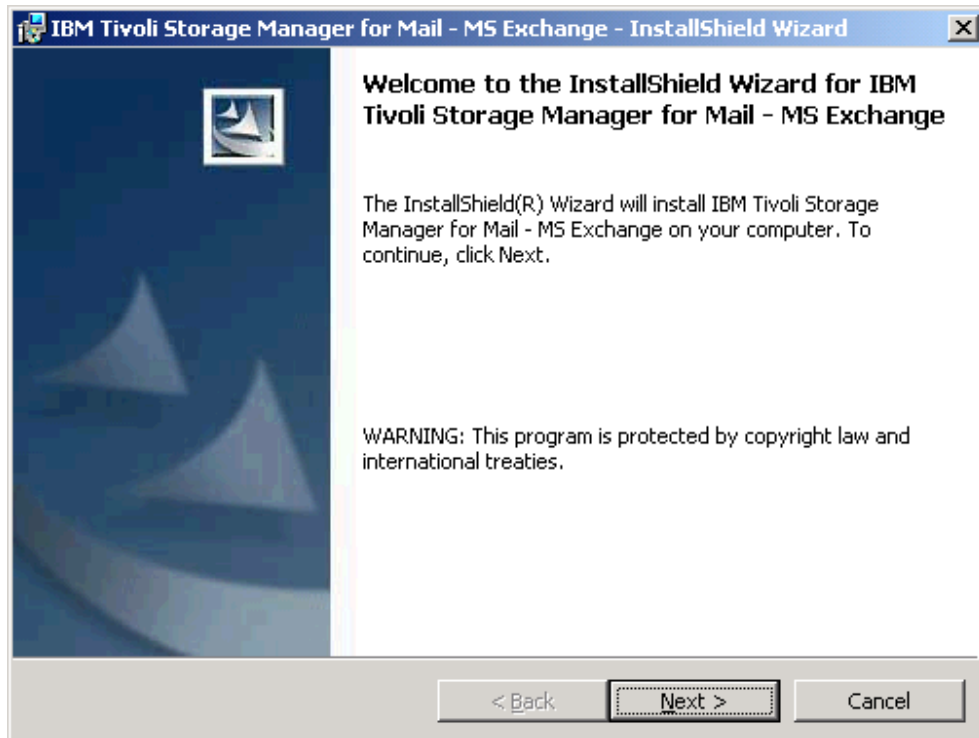


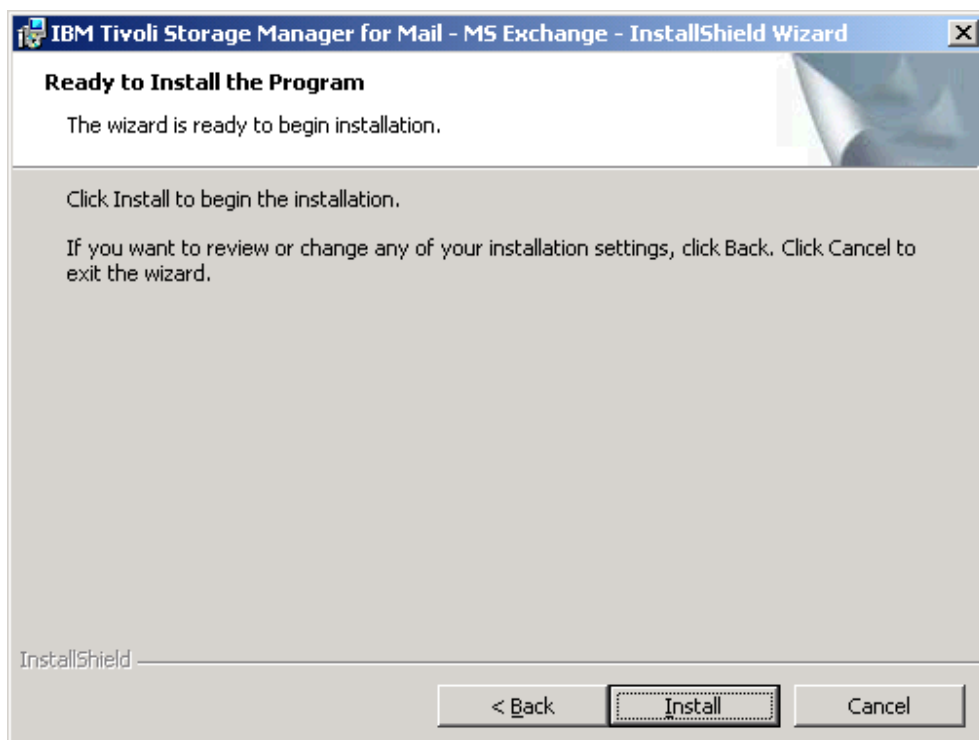
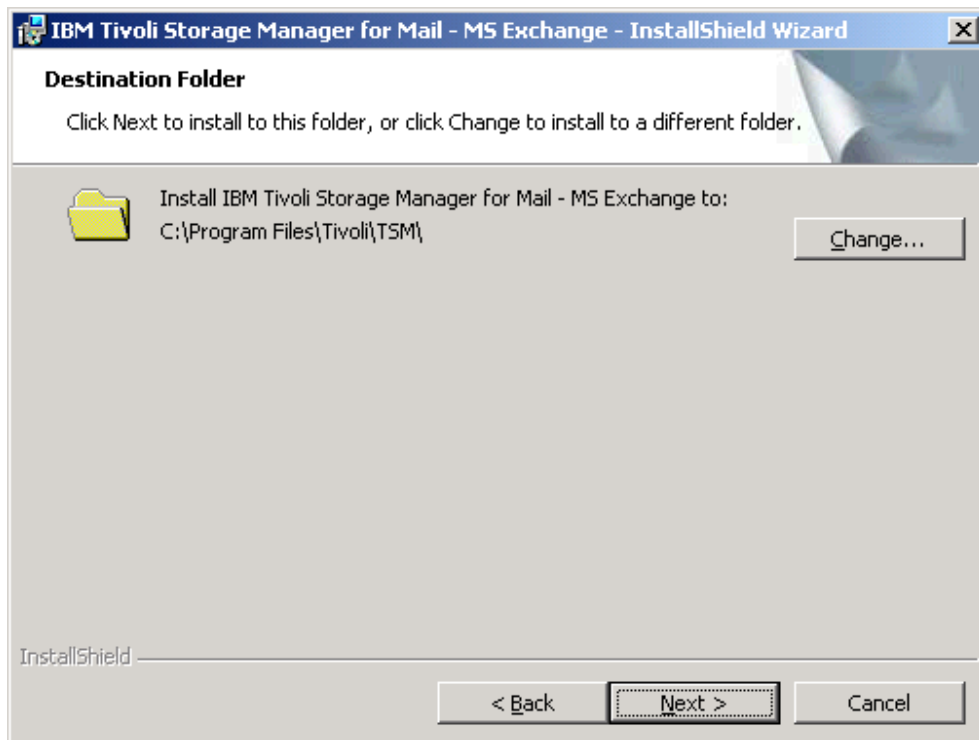
Run

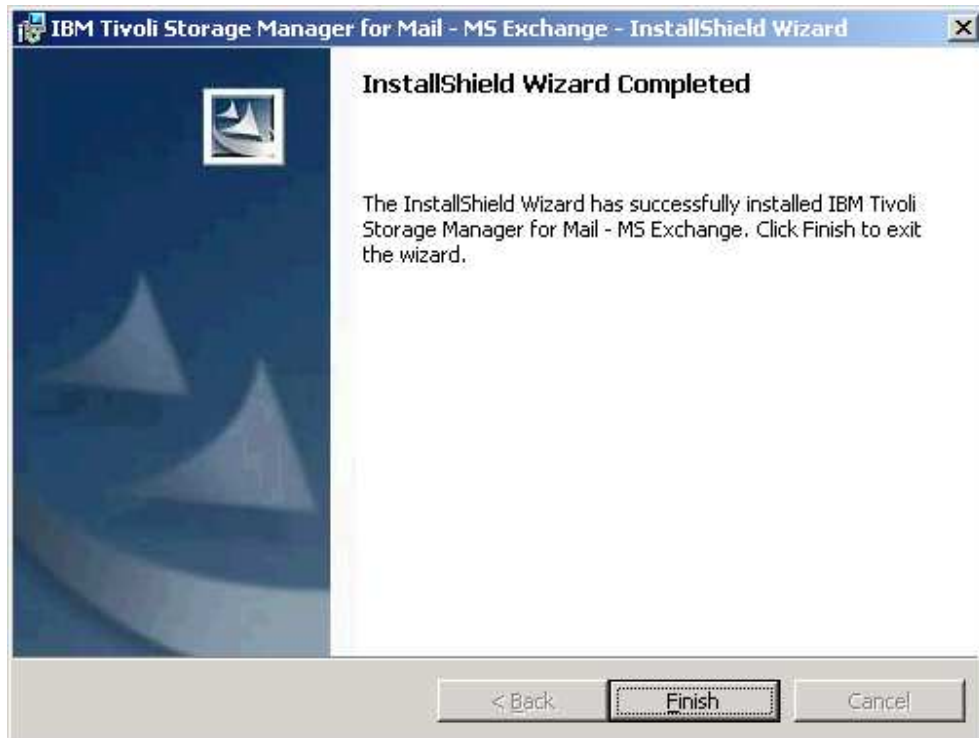
C:\tsm_images\IBM Tivoli Storage Manager for Mail - MS Exchange Clients\TDPEXchange\win32\client\setup.exe

And click through the installation.









Configuration:

Get the template files from <http://mirror.netgroup.dk/tsm>

Go to TSM Templates

Navigate to TDP directory -> Exchange and download the templates you need.

Save the file dsm.opt.exchange.template as

C:\Program Files\Tivoli\TSM\TDPEXchange\dsm.opt

Open dsm.opt

\$NODENAME\$ change it to the backup username provided by Netgroup

\$TCPPORT\$ change it to the tcp port provided by Netgroup

Save the file excfull.cmd.sample.exchange as

C:\Program Files\Tivoli\TSM\TDPEXchange\excfull.cmd

Save the file excincr.cmd.sample.exchange as

C:\Program Files\Tivoli\TSM\TDPEXchange\excincr.cmd

Circular Logging must disabled within exchange!

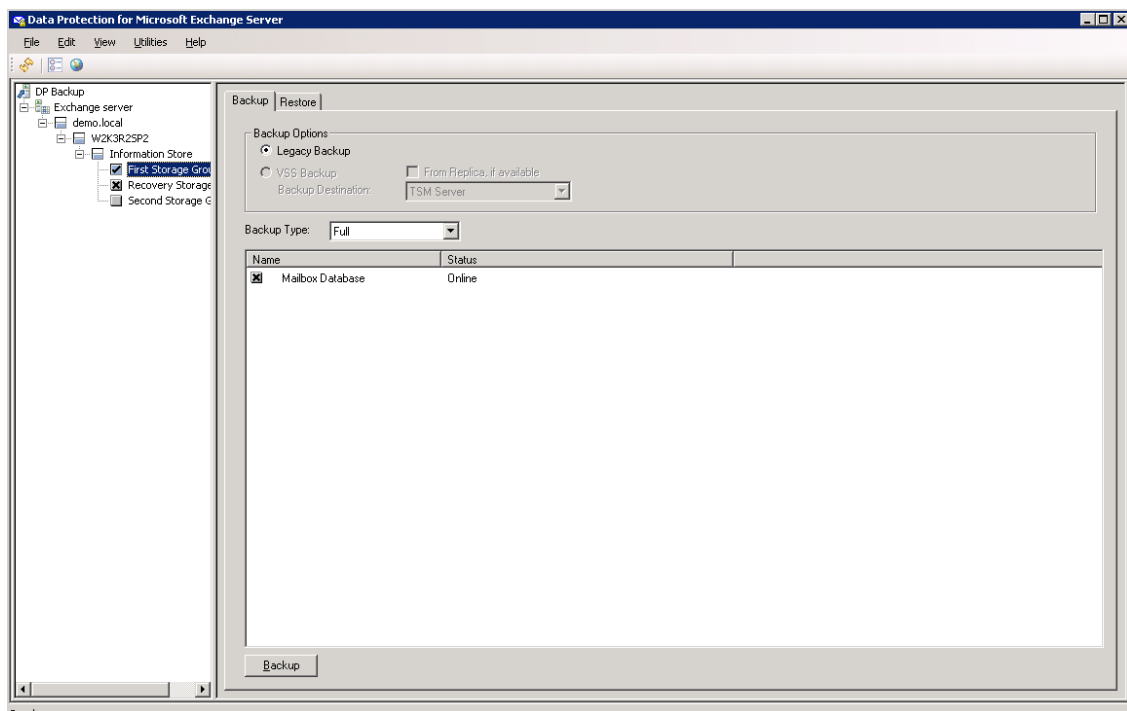
First backup:

Run the client C:\Program Files\Tivoli\TSM\TDPEExchange\tdpexc.exe

If there is an error about the language, click ok, click edit -> configuration -> Regional -> under Language click English.

Select all the databases, and click backup.

It will prompt you for a password, type in the password you were given for this node.



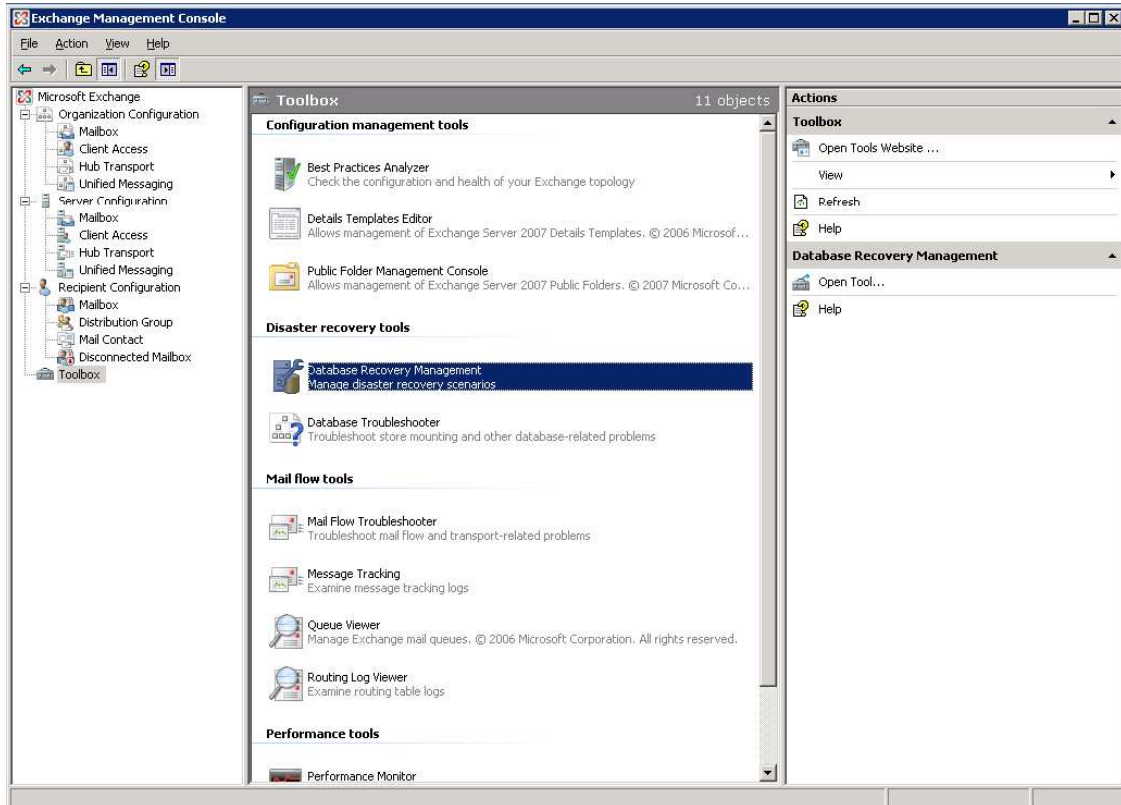
Scheduling

Install the schedule by running the following command:

```
C:\program files\tivoli\TSM\baclient\dsmcutil inst /name:"Netgroup TSM Exchange Scheduler"  
/autostart:yes /eventlogging:no /node:<Nodename> /clientdir:"C:\Program  
Files\Tivoli\TSM\baclient" /optfile:"C:\Program Files\Tivoli\TSM\TDPEExchange\dsm.opt"  
/password:<password> /startnow:yes
```

Restore.

Open the EMC (Exchange Management Console), from the Toolbox node, click on the Database Recovery Management



Type the name of your Exchange server and Domain Controller server name and then click Next at the bottom of the screen:

The screenshot shows the Microsoft Exchange Troubleshooting Assistant window. The title bar reads "Microsoft Exchange Troubleshooting Assistant". The main header area contains "Microsoft Exchange Troubleshooting Assistant" and the "Microsoft Windows Server System" logo. The left sidebar has a "Welcome" section with checkboxes for "Select a task", "Restart current task", "Select a result file to view", and "View a report". Below this is a "See also" section with checkboxes for "The Exchange Troubleshooting Assistant Help", "About the Exchange Troubleshooting Assistant", "Send feedback and suggestions about this tool to Microsoft", and "Updates and Customer Feedback". A "Steps:" section lists the following steps: "Getting Run Information", "Select Task", "Checking if running on Edge Transport", "Read Registry Information", and "Enter Server and User Information", with the last step being the current active step. The main content area is titled "Enter Server and User Information". It includes a text box for "Enter an identifying label for this activity:". Below this is a checkbox for "Perform analysis of raw data files (ignore server and credentials entries below)". There are two text boxes for "Exchange server name (required):" and "Domain controller name (required):", both containing the text "w2k3r25p2". A "Show advanced logon options" link is visible. A checkbox for "Hide informational display" is present with the text "Selecting this option will skip the individual database analysis results and recommendations and go to the File Header Summary page." At the bottom of the main area is a "Next" button. The footer contains the copyright notice "©2007 Microsoft Corporation. All rights reserved." and the "Microsoft" logo.

Microsoft Exchange Troubleshooting Assistant

Microsoft Exchange Troubleshooting Assistant

Microsoft Windows Server System

☐ Welcome

☐ Select a task

☐ Restart current task

☐ Select a result file to view

☐ View a report

See also

☐ The Exchange Troubleshooting Assistant Help

☐ About the Exchange Troubleshooting Assistant

☐ Send feedback and suggestions about this tool to Microsoft

☐ Updates and Customer Feedback

Steps:

Getting Run Information

Select Task

Checking if running on Edge Transport

Read Registry Information

Enter Server and User Information

Enter Server and User Information

Enter an identifying label for this activity:

☐ Perform analysis of raw data files (ignore server and credentials entries below)

Exchange server name (required): w2k3r25p2

Domain controller name (required): w2k3r25p2

[Show advanced logon options](#)

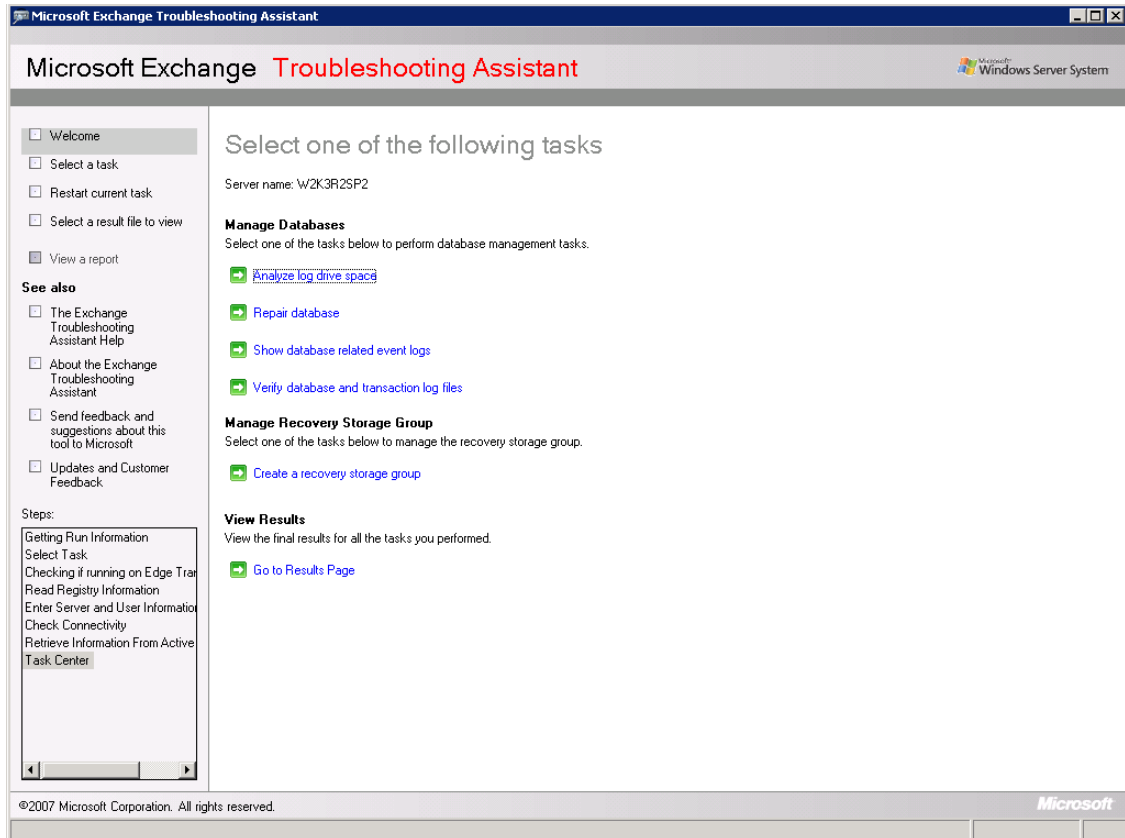
☐ Hide informational display
Selecting this option will skip the individual database analysis results and recommendations and go to the File Header Summary page.

[Next](#)

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Microsoft

From the Tasks options, choose Manage Recovery Storage Group and then click on the Create a Recovery Storage Group:



Select the Storage Group that you want to restore from and click Next:

The screenshot shows the Microsoft Exchange Troubleshooting Assistant window. The title bar reads "Microsoft Exchange Troubleshooting Assistant". The main window has a header with "Microsoft Exchange Troubleshooting Assistant" and the "Microsoft Windows Server System" logo. On the left, there is a sidebar with a list of tasks: "Welcome", "Select a task", "Restart current task", "Select a result file to view", "View a report", "See also", "The Exchange Troubleshooting Assistant Help", "About the Exchange Troubleshooting Assistant", "Send feedback and suggestions about this tool to Microsoft", "Updates and Customer Feedback". Below this is a "Steps:" section with a list of steps: "Getting Run Information", "Select Task", "Checking if running on Edge Transport", "Read Registry Information", "Enter Server and User Information", "Check Connectivity", "Retrieve Information From Active Task Center", "Select Original Storage Group Site", and "Select the Storage Group to Link with the Recovery Storage Group". The "Select the Storage Group to Link with the Recovery Storage Group" step is currently selected. The main area of the window displays the title "Select the Storage Group to Link with the Recovery Storage Group" and the server name "W2K3R2SP2". Below this is a list box with two options: "First Storage Group" and "Second Storage Group". A message states: "The recovery storage group is linked to an existing storage group. Only databases from the linked storage group can be mounted in the recovery storage group." At the bottom of the main area are two buttons: "Previous" and "Next". The footer of the window contains the copyright notice "©2007 Microsoft Corporation. All rights reserved." and the Microsoft logo.

Microsoft Exchange Troubleshooting Assistant

Microsoft Exchange Troubleshooting Assistant

Microsoft Windows Server System

☐ Welcome

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☐ View a report

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☐ Updates and Customer Feedback

Steps:

Getting Run Information

Select Task

Checking if running on Edge Transport

Read Registry Information

Enter Server and User Information

Check Connectivity

Retrieve Information From Active Task Center

Select Original Storage Group Site

Select the Storage Group to Link with the Recovery Storage Group

Server name: W2K3R2SP2

First Storage Group

Second Storage Group

The recovery storage group is linked to an existing storage group. Only databases from the linked storage group can be mounted in the recovery storage group.

Previous

Next

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Choose the location of the original SG files (DB + Logs).

Microsoft Exchange Troubleshooting Assistant

Microsoft Exchange Troubleshooting Assistant

Windows Server System

☐ Welcome
☐ Select a task
☐ Restart current task
☐ Select a result file to view
☐ View a report

See also

☐ The Exchange Troubleshooting Assistant Help
☐ About the Exchange Troubleshooting Assistant
☐ Send feedback and suggestions about this tool to Microsoft
☐ Updates and Customer Feedback

Steps:

Getting Run Information
Select Task
Checking if running on Edge Transport
Read Registry Information
Enter Server and User Information
Check Connectivity
Retrieve Information From Active Directory Task Center
Select Original Storage Group Step
Generate Temp Data
Create RSG Step

Create the Recovery Storage Group

Server name: W2K3R2SP2
Linked storage group: First Storage Group

Recovery storage group name: Recovery Storage Group

Transaction log file folder

Original storage group (Enn.log) path: E:\Exchange2007\Mailbox\First Storage Group
Recovery storage group (R00.log) log path: E:\Exchange2007\Mailbox\First Storage Group\RSG20080925103005 Browse...

System folder and checkpoint file folder

Original storage group (Enn.chk) path: E:\Exchange2007\Mailbox\First Storage Group
Recovery storage group (R00.chk) path: E:\Exchange2007\Mailbox\First Storage Group\RSG20080925103005 Browse...

Database folders and file names

Database name: Mailbox Database
Database path: E:\Exchange2007\Mailbox\First Storage Group\Mailbox Database.edb
Recovery database path: E:\Exchange2007\Mailbox\First Storage Group\RSG20080925103005\Mailbox Database.edb Browse...

[Previous](#) [Create the recovery storage group](#)

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Finish the RSG creation.

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Microsoft Exchange Troubleshooting Assistant

Microsoft Exchange Troubleshooting Assistant

Microsoft Windows Server System

☐ Welcome

☐ Select a task

☐ Restart current task

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☐ View a report

See also

☐ The Exchange Troubleshooting Assistant Help

☐ About the Exchange Troubleshooting Assistant

☐ Send feedback and suggestions about this tool to Microsoft

☐ Updates and Customer Feedback

Steps:

Getting Run Information

Select Task

Checking if running on Edge Transport

Read Registry Information

Enter Server and User Information

Check Connectivity

Retrieve Information From Active Directory

Task Center

Select Original Storage Group Step

Generate Temp Data

Create RSG Step

Creating Recovery Storage Group

Display RSG Creation Result

Create the Recovery Storage Group Result

Server name: W2K3R2SP2
Linked storage group name: First Storage Group
Recovery storage group name: Recovery Storage Group

Display Result

Results [2 items]

Print report Export report Find Arrange by: Severity

Database (Mailbox Database) has been added into the recovery storage group
Successfully created the recovery storage group

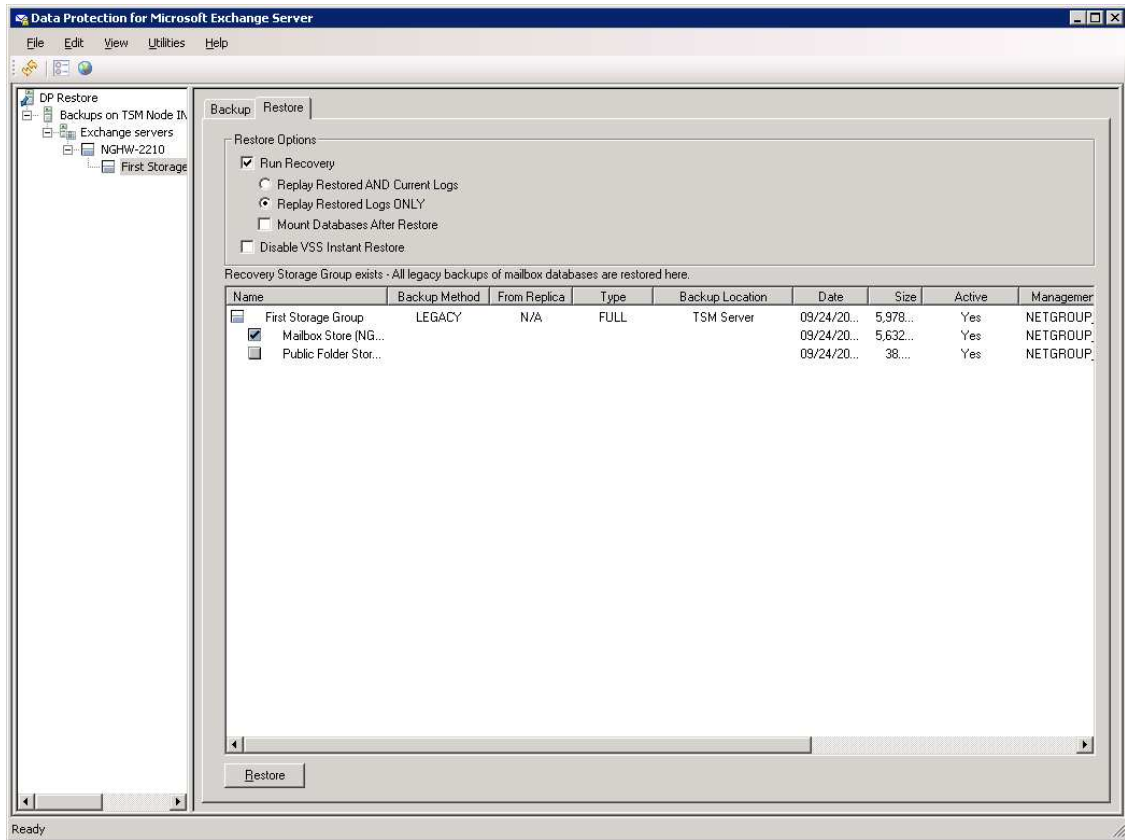
You can now move, copy or restore database and transaction log files to the recovery storage group paths. When you are ready to mount databases in the recovery storage group, go to the task center or start this analyzer again. If the domain controller you specified is different from the domain controller that the Exchange server is using, you may need to wait for the change to be replicated.

[Show Create Recovery Storage Group Information](#)

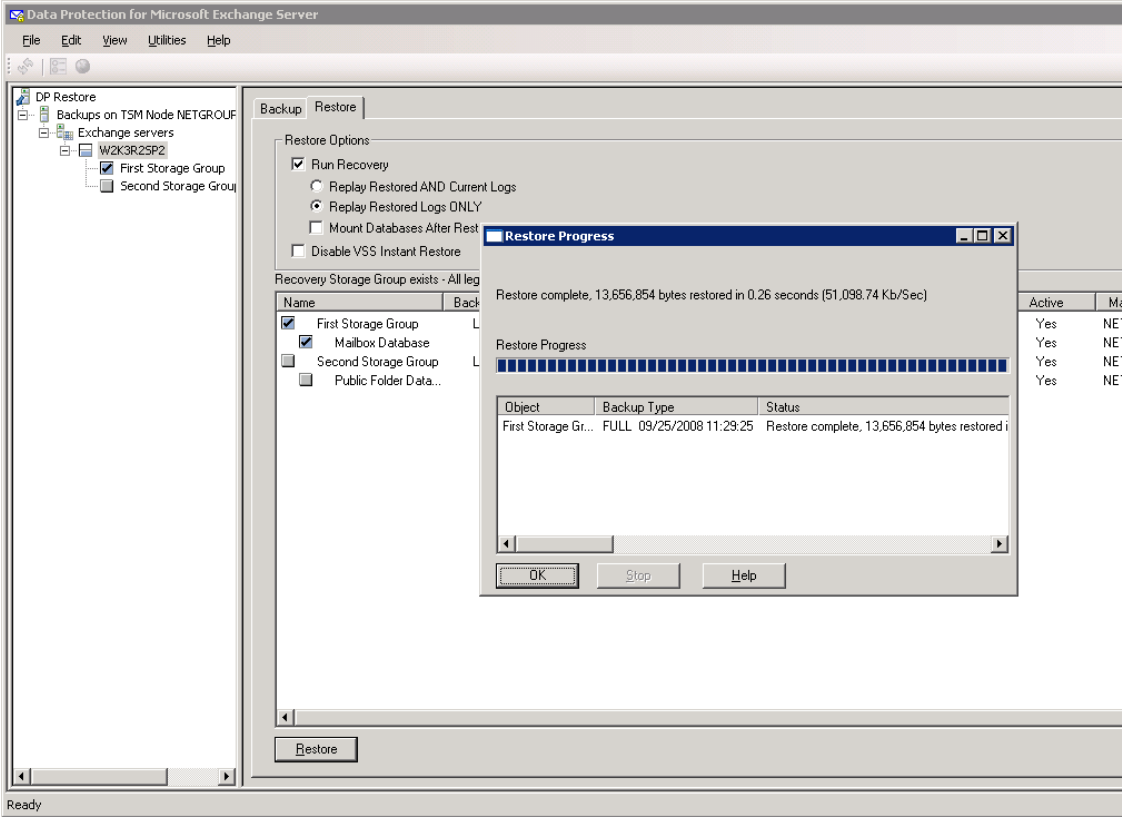
[Go back to task center](#)

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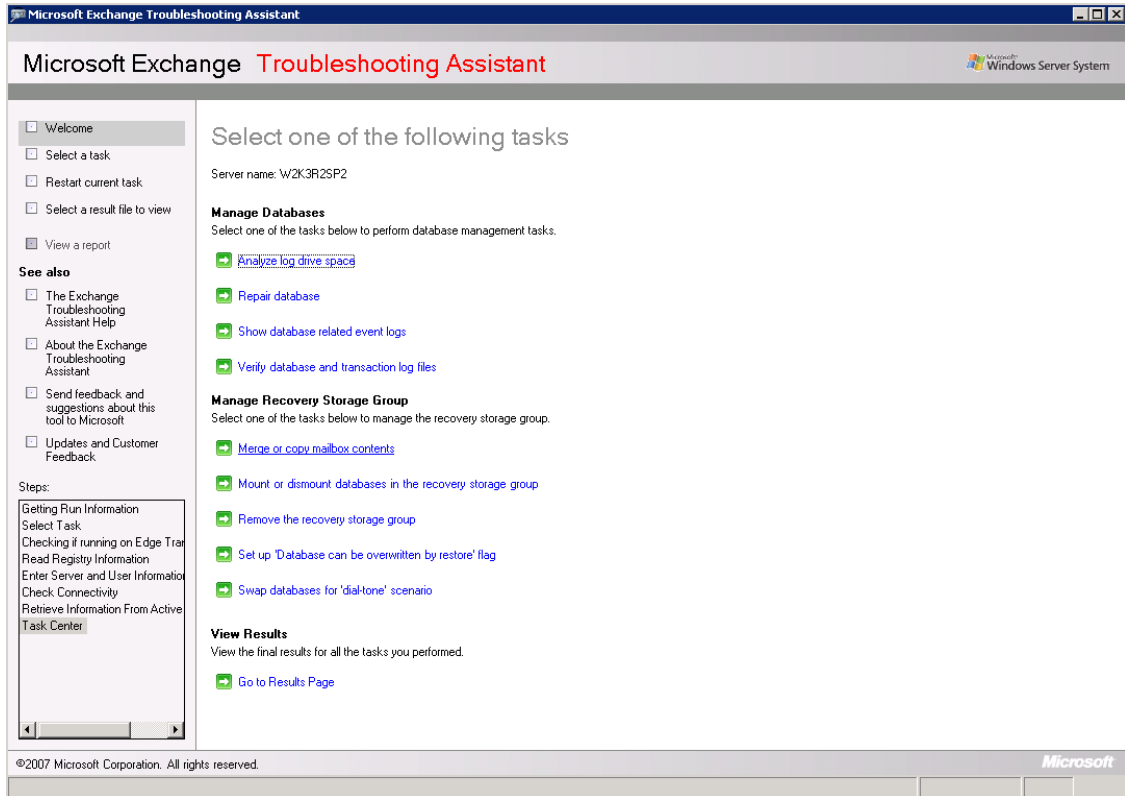
Open up the Gui. Click restore, select the mailbox store, and click restore.



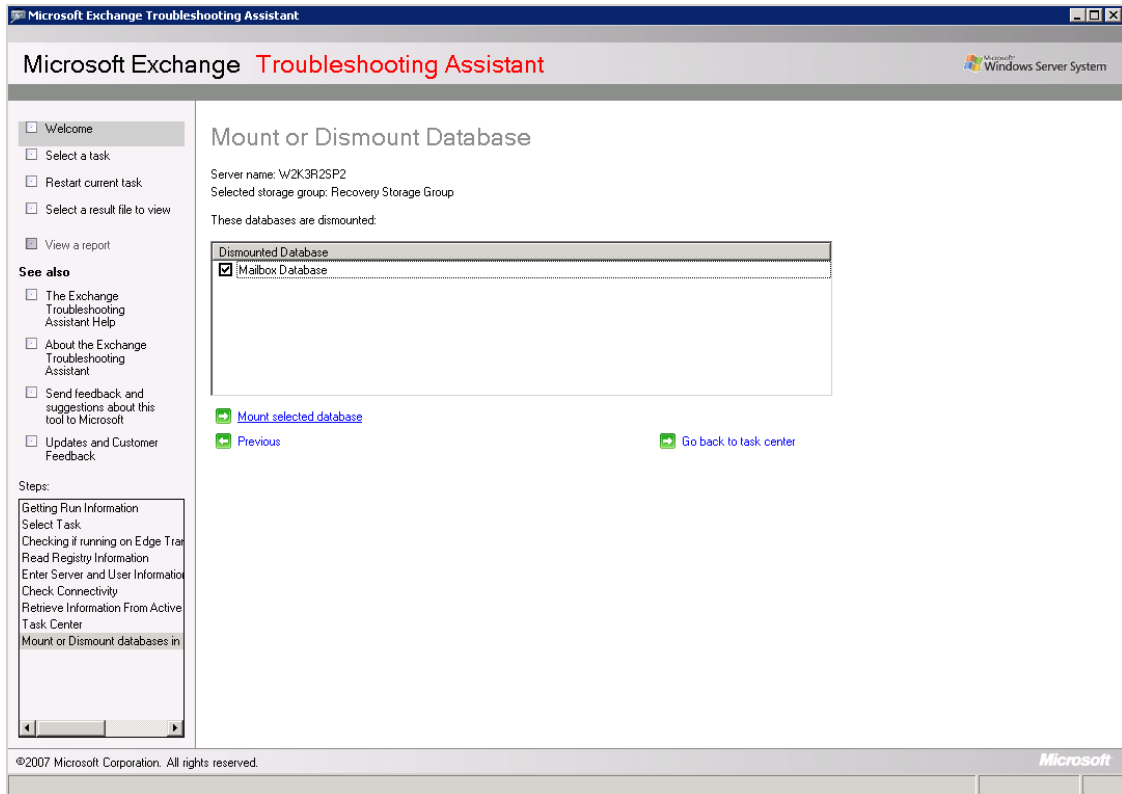
Click ok when it completes.



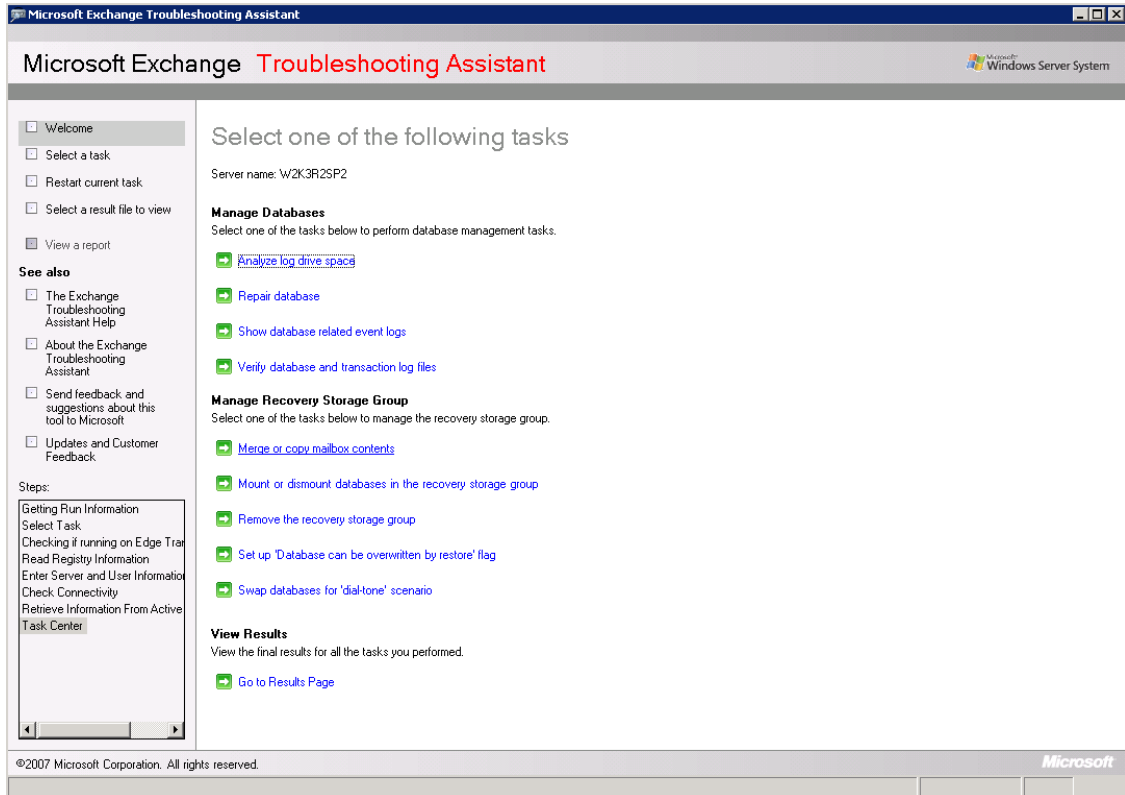
After the restore completed successfully, click the Mount or dismount databases in the recovery storage group



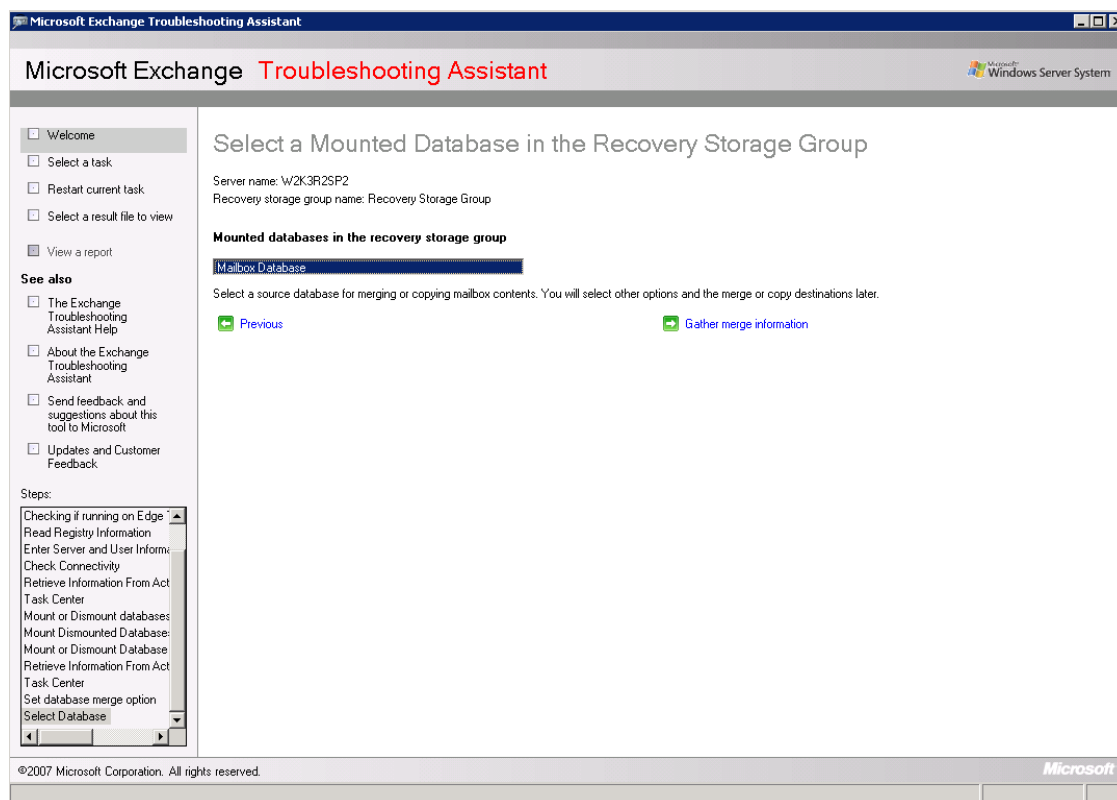
In this case select the Mailbox Database and click Mount selected database:



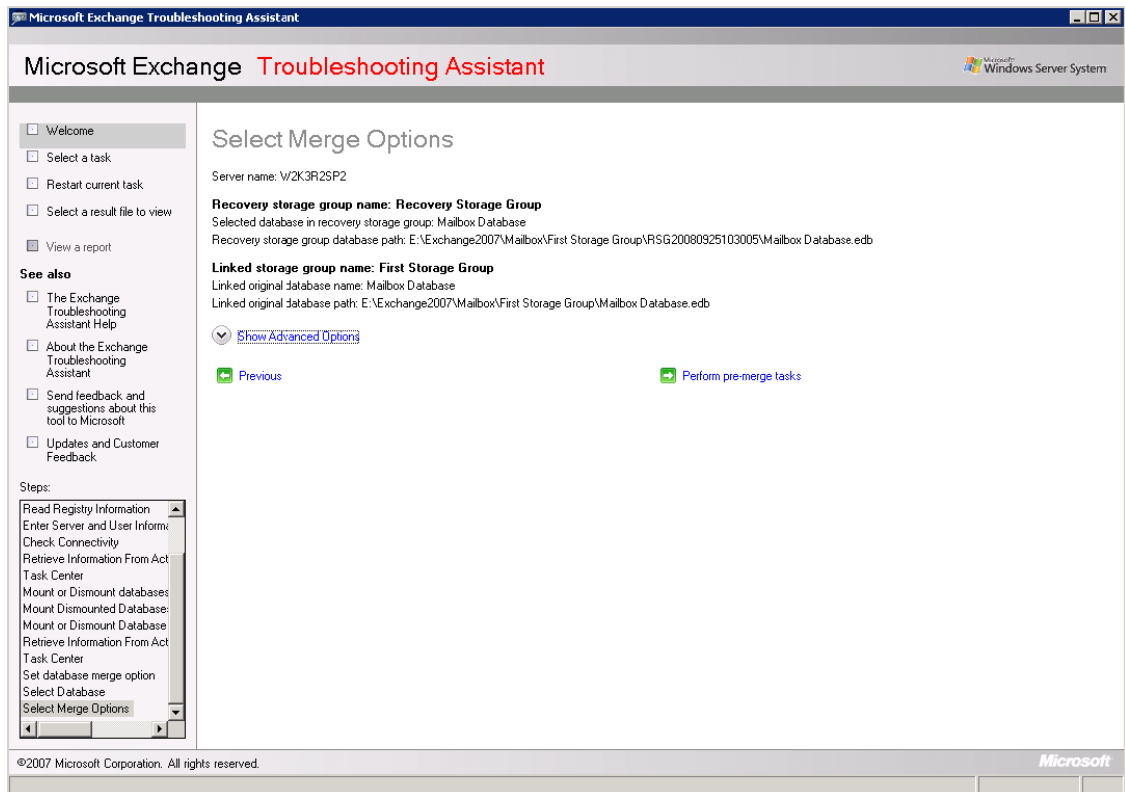
Merge or copy mailbox contents from the Manage Recovery Storage Group:



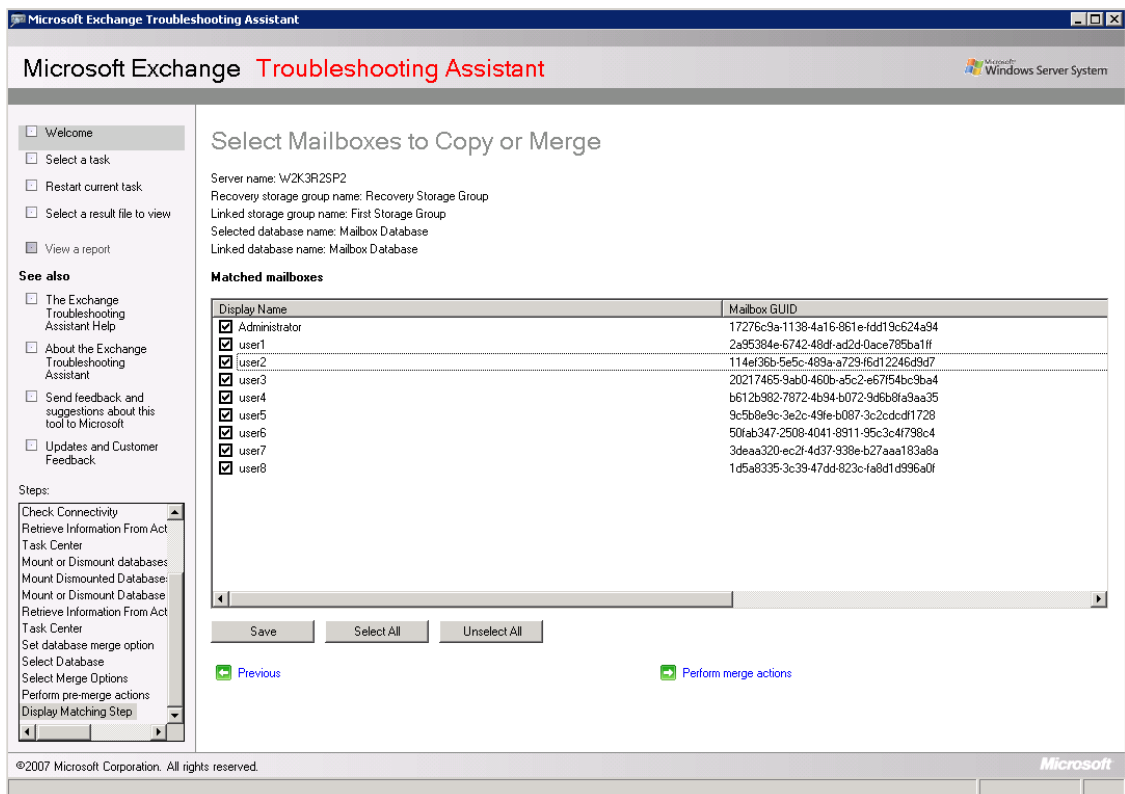
In the mounted Database in the RSG that you restored, click Gather Merge information:



Click pre-merge tasks:



Select the mailboxes you want to restore and click Perform merge actions.



Status of restore:

